

LABORATORY INVESTIGATION REPORT

Name : AKASH IBRAHIM Referral Clinic : PESHAWAR MEDICAL CENTER ()
D.O.B / Sex : 17-Dec-1991 (30 Years) / MALE Referral Doctor : DR. SAJID
PatientID/Nationality : 158191 / PAKISTAN LabID / Clinic No. : **107972** / 37226

Test Name	Result	Unit	Ref. Range	Methodology
BIOCHEMISTRY				
CHLORIDE	98.2	mmol/L	95-105	Direct ISE
POTASSIUM	4.1	mmol/L	3.5-5.5	Direct ISE
SODIUM	136.2	mmol/L	135-146	Direct ISE
CHOLESTROL, TOTAL	226 ^H	mg/dl	No risk : < 200 Moderate risk: 200 - 239 High risk: >= 240	Colorimetric
TRIGLYCERIDES	237 ^H	mg/dl	< 150	Enzymatic Colorimetric
HDL CHOLESTEROL	43.98	mg/dl	No risk: > 55 Moderate risk: 35 - 55 High risk: <35	Enzymatic Colorimetric
LDL CHOLESTEROL	134.4 ^H	mg/dl	Optimal : < 100 Above Optimal : 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: > 190	Calculated
TOTAL CHOL/HDL RATIO	5.1 ^H	Ratio	< 4.5	

****The target level varies depending on the added risk factors. *As per current NCEP Guidelines.**



Dr. Uday Sudhalker
Clinical Pathologist
DHA-P-0123520



Registered On : 17/Jun/22 07:57 AM
Reported On : 17/Jun/22 10:09 AM
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SHEEBA BALAKRISHNAN
Laboratory Technologist
DHA-P-0219101

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ENDOCRINOLOGY				
TSH(THYROID STIMULATING HORMONE)	1.083	uIU/mL	0.3-4.5	CLIA



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HAEMATOLOGY

Volumetric impedance & Spectrophotometry

RBCs	5.62	10 ⁶ ul	4.32 - 5.72
Hemoglobin	15.79	g/dL	13.5 - 17.5
Haematocrit	47.5	%	38.8 - 50
Mean cell volume	84.5	fL	81.2 - 95.1
Mean cell hemoglobin	28.1	pg/mL	27 - 34
Mean cell hemoglobin concentration	33.2	g/dl	32 - 37
RDW	15.0	g/dL	11.8 - 15.6
WBC	7.61	x 10 ³ /uL	3.5 - 10.5
MPV	8.47	fL	7.42 - 10.77

Differential Count (Flow cytometry /Smear)

Neutrophil	65.75 ^H	%	50 - 65
Lymphocyte	25.19	%	25 - 40
Monocytes	5.79	%	3 - 7
Eosinophil	3.01 ^H	%	0 - 3
Basophil	0.26	%	0 - 1
Platelet	261.2	x 10 ³ /uL	150 - 450

**** End of Report ****



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